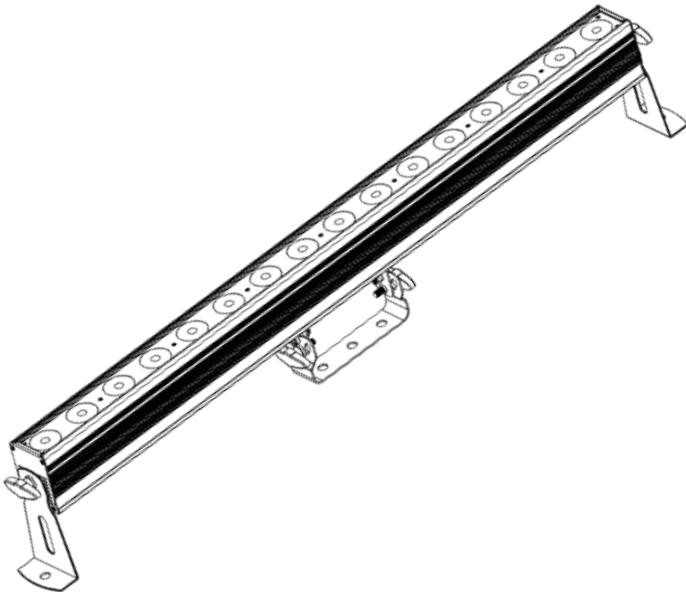




# HEX16 Strip

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## User Manual



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## 1. Safety Instructions

### FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature.

Avoid exposing it to direct rays of sun near a heating appliance.

Do not put it in a temperature below 41°F/5°C, or exceeding 95°F/35°C.

Keep away from humidity, water and dust.

Do not place the set in a location with a high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

**NO USER SERVICABLE PARTS INSIDE.**

If unit is out of service please contact your point of purchase.

If any troubles arise, remove the power plug and contact your Pro Shop representative for repair. Do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable. Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

When not using the unit for an extended period of time be sure to disconnect the plug from the receptacle.

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## 1.1 Overhead Rigging

This item must be built in a way that it can hold 10 times more of its weight for 1 hour without causing any damages. The installation must be secured with a secondary safety attachment. The Safety attachment has to be constructed in a way that no part of the installation can fall down. When rigging, de-rigging or servicing the fixture staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden. Before taking the device in operation, the installation must be approved by an expert. The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

**IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE.**

Including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installations yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and/or damage to property.

Use only professional trussing system if the item shall be lowered from the ceiling or high joists. Never let the device swing freely in a room.

**CAUTION:** Overhead Items may cause serious injuries when crashing down!! If there is concern about the safety then **DO NOT INSTALL** the device.

### **DANGER OF FIRE!**

When installing the device, make sure there is no highly-flammable material (decoration articles, etc) within a distance of min. 0.5m.

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Mount the projector with the mounting bracket to your trussing system using an appropriate clamp.

For overhead use, always install a safety-rope that can hold at least 10 times the weight of the fixture. You must only use safety –ropes with quick links with screw cap. Pull the safety-rope through the hole in the mounting bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw. The maximum drop distance must never exceed 20cm

A safety rope which already held the strain of a crash or which is defective must not be used again.

## **DANGER TO LIFE!**

Before taking into operation for the first time, the installation has to be approved by an expert.

## **1.2. Power Connection**

**!! CAUTION !!**

Never leave this device running unattended!! Every person that is involved with this item has to be qualified!!

Connect item with main plug. The voltage and frequency must exactly be the same as stated on the device. The power plug must always be inserted without force.

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## 1.3. Cleaning and Maintenance

Please make sure that safety-relating and machine-technical installations are inspected by a skilled person once a year.

1. Make sure before installing that all screws are tightly connected and not corroded.
2. There must be no deformations on the housings, fixations and installations spots
3. No damages must be showed on the power supply cables, material fatigue and sediments

If the exterior of the unit is going to be cleaned, please use moist, lint free cloths. Never use alcohol or solvents.

The Cooling fan must be cleaned monthly and check to ensure it is free of obstructions.

To clean the interior of the device please use a vacuum cleaner or an air jet, however we recommend cleaning the lenses weekly to ensure the best output from your unit.



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## 2.0 Menu Navigation

MENU				
1	Auto		Speed	
	< Auto>	Auto 0		<100>
	LED Speed (0-100)	Auto 1		<100>
	Default : Auto0(Auto1-12)	Auto 2		<100>
	Speed Default : 100	Auto 3		<100>
		...	...	...
		Auto 10		<100>
		Auto 11		<100>
		Auto 12		<100>
		Fade		<100>
2	Static			
	Fix Colour	Fix Colour	Presets	
	Default: RGBAWP		<C1 - C63>	
3	Manual Colour	Manual C		Value
		Default : RGBAWP= 255		R=255
				G=255
				B=255
				A=255
				W=255
4	Dim Mode		< Off >	
			<DIM 1>	
	Default : Off		<DIM 2>	
			<Dim 3>	
5	Backlight			
	Default: On		<On>	
			<10s>	

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			<20S>
			<30S>
6	Info	Auto	Test
		Fixture Hours	<OH>
		Version	<V1.0>
7	Address		
	Default 001	<512>	
8	Channel		
	Default : 12 Ch	<6 Ch>	
		<8 CH>	
		<12 Ch>	
		<96 CH>	
		<101CH>	
		<HSV>	
		<HSI>	
9	M&S Mode	<Master>	
		< Slave>	
10	White Balance	Value	
	Default RGB		
	255	R=255	
		G=255	
		B=255	
11	Temp	Fixture Temperature	
	>35 C>	65°power down	

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## 3.0 DMX Allocation

6-CH	Function	Value	Percent/Setting
1	Red	000-255	0~100%
2	Green	000-255	0~100%
3	Blue	000-255	0~100%
4	Amber	000-255	0~100%
5	White	000-255	0~100%
6	Purple	000-255	0~100%

8-CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Red	000-255	0~100%
3	Green	000-255	0~100%
4	Blue	000-255	0~100%
5	Amber	000-255	0~100%
6	White	000-255	0~100%
7	Purple	000-255	0~100%
8	Strobe	000-010 011-255	NO Function Strobe slow to fast

12CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Red	000-255	0~100%
3	Green	000-255	0~100%
4	Blue	000-255	0~100%
5	Amber	000-255	0~100%
6	White	000-255	0~100%
7	Purple	000-255	0~100%
8	Strobe	011-255	Strobe slow to fast

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9	Color Macro+	000-010	No Function
	White	011-030	R 100% G 0~100% B 0
	Balance	031-050	R 100%~0 G 100% B 0
		051-070	R 0 G 100% B 0~100%
		071-090	R 0 G 100%~0 B 100%
		091-110	R 0~100% G 0 B 100%
		111-130	R 100% G 0 B 100%~0
		131-150	R 100% G 0~100% B 0~100%
		151-170	R 100%~0 G 100%~0 B 100%
		171-200	R100% G100% B100% W100%
		201-205	Color temperature1
		206-210	Color temperature2
		211-215	Color temperature3
		216-220	Color temperature4
		221-225	Color temperature5
		226-230	Color temperature6
		231-235	Color temperature7
		236-240	Color temperature8
		241-245	Color temperature9
		246-250	Color temperature10
		251-255	Color temperature11
	Auto programs	000-010	No Function
		011-027	Auto programs 1
		028-044	Auto programs 2
		045-061	Auto programs 3
		062-078	Auto programs 4
		079-095	Auto programs 5
		096-112	Auto programs 6
		113-129	Auto programs 7

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		130-146	Auto programs 8
		147-163	Auto programs 9
		164-180	Auto programs 10
		181-197	Auto programs 11
		198-214	Auto programs 12
		215-231	Fade programs
		232-255	Auto programs 0 (Auto1-12)
11	Auto speed	000-255	Auto speed slow to fast
	Dimmer	000-051	Preset dimmer speed from display menu
12	Speed	052-101	Dimmer speed mode off
		102-152	Dimmer speed mode1 (fast speed)
		153-203	Dimmer speed mode2 (middle speed)
		204-255	Dimmer speed mode3 (slow speed)

96CH	Function	Value	Percent/Setting
1	Red1	000-255	0~100%
2	Green1	000-255	0~100%
3	Blue1	000-255	0~100%
4	Amber1	000-255	0~100%
5	White1	000-255	0~100%
6	Purple1	000-255	0~100%
.....	.....		
.....	.....		
91	Red16	000-255	0~100%
92	Green16	000-255	0~100%
93	Blue16	000-255	0~100%
94	Amber16	000-255	0~100%
95	White16	000-255	0~100%
96	Purple16	000-255	0~100%

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101CH	Function	Value	Percent/Setting
1	Red1	000-255	0~100%
2	Green1	000-255	0~100%
3	Blue1	000-255	0~100%
4	Amber1	000-255	0~100%
5	White1	000-255	0~100%
6	Purple1	000-255	0~100%
.....	.....		
.....	.....		
91	Red8	000-255	0~100%
92	Green8	000-255	0~100%
93	Blue8	000-255	0~100%
94	Amber8	000-255	0~100%
95	White8	000-255	0~100%
96	Purple8	000-255	0~100%
	Auto programs	000-010	No Function
		011-027	Auto programs 1
		028-044	Auto programs 2
		045-061	Auto programs 3
		062-078	Auto programs 4
		079-095	Auto programs 5
97		096-112	Auto programs 6
		113-129	Auto programs 7
		130-146	Auto programs 8
		147-163	Auto programs 9
		164-180	Auto programs 10
		181-197	Auto programs 11
		198-214	Auto programs 12
		215-231	Fade programs

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		232-255	Auto programs 0 (Auto1-12)
98	Auto speed	000-255	Auto speed slow to fast
99	Dimmer	000-255	0~100%
100	Strobe	000-010	NO Function
		011-255	Strobe slow to fast
	Dimmer	000-051	Preset dimmer speed from display menu
101	Speed	052-101	Dimmer speed mode off
		102-152	Dimmer speed mode1 (fast speed)
		153-203	Dimmer speed mode2 (middle speed)
		204-255	Dimmer speed mode3 (slow speed)

HSV	Function	Value	Percent/Setting
1	H	000-255	Hue
2	S	000-255	Saturation
3	V	000-255	Value(Brightness)

HSI	Function	Value	Percent/Setting
1	H	000-255	Hue
2	S	000-255	Saturation
3	I	000-255	Intensity

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### 4.0 Technical Specifications

<b>DMX Channels</b>	6,8,12,96,101, HSV and HSI
<b>LED Specification</b>	6 IN 1 10W 120° RGBWAUV
<b>Field Angle</b>	36.9°
<b>Beam Angle</b>	22°
<b>Weight</b>	5.1KG
<b>Size</b>	1081x80x183 Inc brackets
<b>Remark</b>	R:396mA G:399mA B:395mA W:405mA A:393mA P:395mA
<b>Rated Power</b>	230V164.2W/PF:0.96120V166.2W/PF:0.99
<b>Current</b>	230V/0.751A 90V/1.398A
<b>Input Voltage AC</b>	90V-240V 50/60Hz
<b>Fuse</b>	T3.15A 250V